

## **REMARKS**

Applicant respectfully traverses and requests reconsideration.

Applicant wishes to thank the Examiner for the notice that claims 21, 22, 24 and 26 are allowed and that claims 3, 15 and 17 would be allowable if rewritten in independent form. New claims 27, 28 and 29 are independent claims 3, 15 and 17 written in independent form respectively.

Claims 1, 2, 4-6, 8, 10, 12-14, 16, 18-20 and 25 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Wu in view of Young. Applicant has amended independent claims to indicate that the power supply input is a non-bus power supply or power source that is not supplied by the remote processing unit. Support may be found, for example, in FIGs. 2, 4 and associated Specification portions and elsewhere. The Wu reference is of the type described in Applicant's Background of the Invention section which employs a bus power source from host 10 via wire bus connection 11b (see col. 3, lns. 45-48). As noted in Applicant's Background of the Invention section, systems such as this, when the host is operating in a suspend mode, may cause the hub 14 to also enter a suspend mode. As such, there is no mechanism in Wu to get the host out of a suspend mode. Wu instead describes waking up not the host, but instead waking up the second hub 14. (See cited col. 3, ln. 65 – col. 4, ln. 15). As stated in Wu, the wake up pulse 26 is not sent to the host but instead is sent to controller 142 which is in the hub and executes its own setup procedure in the hub. This operation emulates an electrical connection of a device such as a wired device. As a result, the host 10 raises the power supply current via the bus connection 11b to the second hub 14. With the raised power supply current the transceiver 144 can be supplied a permanent power having an extended period following a start pulse 22. (Col. 4, lns. 1-11).

Applicant claims a different operation and structure from that described in Wu. Applicant claims, for example, a power supply input receiver (see claim 1) that is coupled to a non-bus power source and hence its power source is independent from the host. The transmitter of the remote connector generates a wake up command for the remote processing unit, not for the hub as taught in Wu. Since Wu does not teach the claimed subject matter, Applicant respectfully submits that the claims are in condition for allowance.

The dependent claims add additional novel and non-obvious subject matter.

Applicant respectfully submits that the claims are in condition for allowance and respectfully request that a timely Notice of Allowance be issued in this case. The Examiner is invited to contact the below listed attorney if the Examiner believes that a telephone conference will advance the prosecution of this application.

Respectfully submitted,

Date: April 28, 2010

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